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EDUCATION

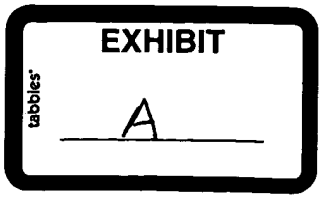
1979	B.A.	Biophysics	Johns Hopkins University
1980	D.E.A.	Cellular Biology	Université de Grenoble, France
1983	M.Phil.	Molecular Biophysics and Biochemistry	Yale University
1987	Ph.D.	Molecular Biophysics and Biochemistry (Human Genetics)	Yale University (Advisor: S. M. Weissman, M.D.)

WORK EXPERIENCE AND POSTGRADUATE TRAINING

1979 - 1980	Research Assistant, Biophysics Laboratory	Institut Laue-Langevin Grenoble, France
1984 - 1986	Consultant, Computational Molecular Biology	Dept. Human Genetics, Yale University School of Medicine
1987 - 1990	Postdoctoral Fellow, Laboratory of Eukaryotic Gene Expression	ABL/Basic Research Program National Cancer Institute, NIH
1990 - 1996	Assistant Professor, Dept. Pediatrics, Div. Genetics	College of Medicine, The Pennsylvania State University
1993	Participant, Genetic Linkage Analysis Course (Director, J. Ott)	College of Physicians and Surgeons, Columbia University
1995 - present	President	Phylogenetix Laboratories, Inc.
1996 - 1999	Associate Professor, Human Genetics	MCP Hahnemann School of Medicine
1999 - present	Associate Professor, Medical Genetics and Molecular Medicine	School of Medicine, University of Missouri-Kansas City
2001 - present	Associate Professor, Computer Science	School of Interdisciplinary Computing and Engineering, University of Missouri-Kansas City
2002- present	Adjunct Associate Professor	Department of Chemistry, University of Kansas

HONORS, AWARDS AND PROFESSIONAL RECOGNITION

Bourse d'Etudes (Government of France), 1979-1980
National Research Service Predoctoral Award, 1980-1984
Postdoctoral Fellowship Award, ABL-Basic Research Program, 1987-1988
Scientific Conference Coordinator: Prader-Willi Syndrome Association (National), 1992
Basil O'Conner Starter Scholar, March of Dimes, 1992-1993
Shannon Award, National Institutes of Health, 1992-1993
Elected to Human Genome Organization, 1992
Director, March of Dimes-Central PA Molecular Diagnostic Laboratory, 1993-1996



March of Dimes Birth Defects Foundation Community Service Award, 1994
Honors, Pennsylvania Society of Professional Engineers -Harrisburg chapter, 1996
Who's Who in the East, 1997
Translational Research Award, Children's Cancer Group, 1999
Professorship in Pediatric Molecular Genetics, Children's Mercy Hospital, UMKC School of Medicine, 1999

PROFESSIONAL AFFILIATIONS
Sigma XI, 1987- ; American Association for the Advancement of Science, 1984- ; American Society of Human Genetics, 1990- ; American Association for Cancer Research, 1996- ; Human Genome Organization, 1992- ; Mutation Database Association 1997-

GRANTS REVIEWED
Louis B. Leakey Foundation, US; National Science Foundation, US; Action Research Charity, Great Britain; National Heart Lung and Blood Institute, NIH.

MANUSCRIPTS REVIEWED
Nucleic Acids Research; Genomics; The American Journal of Medical Genetics; American Journal of Human Genetics; Journal of Medical Genetics; Clinical Genetics; Cytogenetics and Cell Genetics; Journal of Clinical Endocrinology and Metabolism; Acta Pediatrica; Journal of the American Medical Association; Journal of Pediatric Hematology and Oncology; Human Genetics

INVENTIONS AND PATENTS
Invention Disclosure 91-1088 (PSU); Detection of Active Genomic Transcription Templates by Synthetic Methylation in Vivo; Disclosure Date: 10/18/91; Status: Disclosed 11/91

Invention Disclosure 92-1151 (PSU); Human Genetic Mapping with Recombinant Disomic Chromosomes; Disclosure Date 6/15/92; Status: Disclosed 11/13/92 - Presented to American Society of Human Genetics

Invention Disclosure 93- 1226 (PSU) [1]Method for rapid identification of prokaryotic and eukaryotic organisms; US Patent # 5,849,492.

Invention Disclosure 94- 1339 (PSU); A Method to Define the Chromosomal Location of Disease Genes that Cause Recessive Congenital Disorders; Disclosure Date: 4/18/94

Invention Disclosure 94- 1440 (PSU/NIH); Computational analysis of nucleic acid information defines binding sites; Status: US Patent # 5,867,402, licensed 3/98

Invention Disclosure 95- 1466 (PSU); 15qllql3 End Clones for Diagnostic Testing of Chromosome Rearrangements and Mutations; Disclosure Date: 4/26/95; Status: Disclosed 10/21/94

Invention Disclosure 95- 1551 (PSU); General Method of Detection of Minimal Residual Disease on Relapse after Non-Autologous Bone Marrow Transplant in Leukemia Patients; Disclosure Date: 12/15/95

Invention Disclosure 97- 0296 (Allegheny General Hospital); Information theory-based analysis of splice junction mutations in hereditary non-polyposis colon cancer; Disclosure Date: 8/1/97; Status: Disclosed 10/24/97

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[1]Rights to this invention have been acquired by Phylogenetix Laboratories, Inc.

Invention Disclosure 00-0001 (Children's Mercy Hospital); Selection and generation of single-copy genomic probes for hybridization; Disclosure Date: 3/24/00; Status: Patent application Ser. No. 09/573,080, filed 5/16/00.

Invention Disclosure 01-0001 (Children's Mercy Hospital); Single copy probes and method of generating same (Continuation-in-part); Disclosure Date: 4/7/00; Status: US Patent App. Ser. No. 09/854,867, filed 5/14/01; PCT/US01/15674.

APPROVED CLINICAL PROTOCOLS

Study Chair, B957: Genetic Etiology of Acute Leukemia in Children with Down Syndrome, Children's Oncology Group.

Study Committee, C297101: Therapy for Children with Down syndrome and acute leukemia, Children's Oncology Group.

PUBLICATIONS (in chronological order)

1. Rogan PK, Williams GJB: The structure of the dihydrofolate reductase inhibitor 2,4,6-triamino-5-chloroquinazoline. Acta Cryst *B36*:2358-2362, 1980.

2. Rogan PK, Zaccai G: Hydration in purple membrane as a function of relative humidity. J Mol Biol *145*:281-284, 1981.

3. Mottez E, Rogan PK, Manuelidis LM: Conservation of the 5' region of the long interspersed mouse L1 repeat: Implications of comparative sequence analysis. Nucl Acids Res *14*:3119-3135, 1986.

4. Rogan PK: Restriction mapping by preferential ligation of adjacent digestion fragments. Nucl Acids Res *14*:9219, 1986.

5. Rogan PK: A study of a major long interspersed DNA repeat family common to rodents and primates. Ph.D. dissertation. Yale University, 1987.

6. Rogan PK, Pan J, Weissman SM: A complete L1 repeat element in the human ε-$^{G}\gamma$ globin gene intergenic region: Sequence analysis and concerted evolution within this family. Mol Biol Evol *4*:327-343, 1987.

7. Rogan PK, Salvo JJ: Molecular genetics of pre-Columbian South American Mummies. In: Molecular Evolution. UCLA Symposium on Molecular and Cellular Biology, *122*:223-234, 1990.

8. Rogan PK, Salvo JJ: Study of nucleic acids isolated from ancient remains. Yearbook Phys Anthropol *33*:195-214, 1990.

9. Rogan PK, Higgins DR: Screening UV-sensitive mutants with the Stratalinker@ UV crosslinker. Strategies *4*:53-54, 1990.

10. Rogan PK: Research report: Ancient DNA studies. Soc. Arch. Sci. Bull. *14*:26-27, 1991.

11. Lemkin PF, Rogan PK: Automatic detection of noisy spots in two-dimensional Southern blots. Appl and Theor Electrophor *2*:141-149, 1991.

12. Rogan PK, Lemkin PL, Klar AJS, Singh J. Strathern JN: Two-dimensional agarose gel electrophoresis of restriction-digested genomic DNA. Methods: A Companion to Methods in Enzymology *3(2)*: 91-97, 1991.

13. Mascari MJ, Gottlieb W. Rogan PK, Butler MG, Waller DA, Armour JAL, Jeffreys AJ, Ladda RL, Nicholls RD: The frequency of uniparental disomy in Prader-Willi syndrome. New Eng J Med *326*:1599-1607, 1992.

14. Mascari MJ, Rogan P. Gannutz L, McCurdy M, Croft C, Lichty T. Ladda R: Pseudomosaicism Trisomy 15 in amniocytes: Concern about the possibility of uniparental disomy in the fetus. J Genet Counsel *1*:328-329, 1992.

15. Ladda RL, Rogan PK: Prader-Willi Syndrome Association Seventh Annual Scientific Meeting. Dysmorph Clin Genet *6(2)*: 64-65, 1992.

16. Ramer JC, Eggli K, Rogan PK, Ladda RL: Identical twins and Weissenbacher -Zweymuller Syndrome and neural tube defect. Am J Med Genet *45*:614-618, 1993.

17. Mowrey PN, Chorney M, Lerman M, Zbar B. Latif F. Rogan PK, Ladda RL: Clinical and molecular analysis of del 3p25-pter syndrome. Am J Med Genet *46*:623-629, 1993.

18. Ladda R. Zonana J. Ramer JC, Mascari MJ, Rogan PK: Congenital contractures, ectodermaldysplasia, cleft lip/palate and developmental impairment: A distinct syndrome. Am J Med Genet *47*:550-555, 1993.

19. Krizkova L, Sakthivel R. Olowe SA, Rogan P. Floros J: Human SP-A: Genotype and single strand conformation polymorphism analysis. Am J Physiol (Lung Cell Mol Physiol *10*): L519-L527, 1994.

20. Consevage MW, Salada GC, Baylen BG, Ladda RL, Rogan PK: A new missense mutation, Arg719Gln, in the β-cardiac heavy chain myosin gene in patients with familial hypertrophic cardiomyopathy. Hum Mol Genet *3*:1025-1026, 1994.

21. Woodage T. Prasad M, Dixon JW, Selby RE, Romain DR, Columbano-Green LM, Graham D, Rogan PK, Seip JR, Smith A, Trent RJ: Bloom syndrome and maternal uniparental disomy for chromosome 15. Am J Hum Genet *55*:74-80, 1994.

22. Gabriel J. Gottlieb W. Rogan PK, Saitoh S. Nicholls RD: A common insertion/ deletion polymorphism in the Prader-Willi syndrome minimal critical region. Hum Mol Genet *3*:1912, 1994.

23. Zaragoza MV, Jacobs PA, Rogan P. Sherman S. Hassold T: Non-disjunction of human acrocentric chromosomes. Human Genet *94*:411-417, 1994.

24. Rogan PK. Butler MG: Atypical clinical findings in PWS patients: A survey. Prader-Willi Perspect *2(4)*: 13-16, 1994.

25. Orr GA, Rogan PK: Development of a genetic probe database as a shared institutional resource. Computer Prog and Meth in Biomed *46*:35-39, 1995.

26. Rogan PK, Schneider TD: Using information content and base frequencies to distinguish mutations from genetic polymorphisms in splice junction recognition sites. Hum Mutation *6*:74-76, 1995.

27. Hess EJ*, Rogan PK*, Domoto M, Tinker DE, Ladda RL, Ramer JC: Absence of linkage of apparently single gene mediated ADHD with the human syntenic region of the mouse mutant coloboma. Am J Med Genet *60*:573-579, 1995.

28. Kauffman EJ, Gestl EE, Kim DJ, Walker C, Hite JM, Yan G. Rogan PK, Johnson SL, Cheng KC: Microsatellite-centromere mapping in the zebrafish *(Danio rerio)*. Genomics *30*:337-341, 1995.

29. Rogan PK, Close P. Blouin J-L, Seip JR, Gannutz L, Ladda RL, Antonarakis SE: Duplication and loss of chromosome 21 in two children with Down Syndrome and acute leukemia. Am J Med Genet *59*:174-181, 1995.

30. Rogan PK, Salvo JJ, Stephens RM, Schneider TD: Design of universal polymerase-chain reaction primers for amplification of 28S rDNA. In: Visualizing Biological Information, CA Pickover (ed). World Scientific, River Edge NJ, 1995.

31. Rogan PK, Driscoll DJ, Papenhausen PR, Johnson VP, Raskin S. Woodward AL, Butler MG. Distinct genotypes in Ring 15 and Russell-Silver syndromes. Am J Med Genet *61*: 10-15, 1996.

32. Veletza SV, Rogan PK, TenHave T. Floros J: Ethnic differences in allelic distribution at the human pulmonary surfactant protein B gene locus (SP-B): Relation to respiratory distress syndrome. Exp Lung Res *22*: 489-494, 1996.

33. Consevage MW, Seip JR, Belchis DA, Davis AT, Baylen BG, Rogan PK: Novel association of a mosaic chromosomal 22qll deletion with hypoplastic left heart syndrome. Am J Cardiol *77*: 1023-1025, 1996.

34. Rogan PK. Butler MG: Atypical clinical findings in PWS patients: Results of a survey. Prader-Willi Perspectives *4*: 3-6, 1996.

35. Belchis DA, Meece CA, Benko FA, Rogan PK, Williams RA, Gocke CD: Loss of heterozygosity and microsatellite instability at the retinoblastoma locus in osteosarcomas. Diag Mol Pathol *5*: 214-219, 1996.

36. Saitoh S, Buiting K, Rogan PK, Buxton JL, Driscoll DJ, Arnemann J, Fonig RK, Malcolm S, Horsthemke B, Nicholls RD: Minimal definition of the imprinting center and fixation of a chromosome 15qll-ql3 epigenotype by imprinting mutations. Proc Natl Acad Sci USA *93*:7811-7815, 1996.

37. White LM, Rogan PK, Nicholls RD, Wu Baylin, Korf B. Knoll JHM: Allele-specific replication of 15qll-ql3 loci: A diagnostic test for detection of uniparental disomy. Am J Hum Genet *59*:423-430, 1996.

38. Vgontzas AN, Kales A, Seip J. Mascari MJ, Bixler EO, Myers DC, VelaBueno A, Rogan PK: Relationship of sleep abnormalities to patient genotypes in Prader-Willi syndrome. Am J Med Genet (Neuropsychiatric Genetics) *67*: 478-482, 1996.

39. Floros J, DiAngelo S, Koptides M, Karinch AM, Rogan PK, Nielsen H, Spragg RG, Watterberg K, Deiter G: Human SP-A locus: Allele frequencies and linkage disequilibrium between the two surfactant protein A genes. Am. J. Respir. Cell and Mol. Biol. *15*: 489-498, 1996.

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*Co-principal authors

40. Nicholls RD, Jong MTC, Glenn CG, Gabriel J, Rogan PK, Driscoll DJ, and Saitoh S: Multiple imprinted genes associated with Prader-Willi syndrome and location of an imprinting control element. Acta Genet. Med. Gemellol. *45*: 87-89, 1996.

41. Mowery-Rushton PA, Hanchett JM, Zipf WB, Rogan PK, Surti U: Identification of mosaicism for paternally derived deletions in Prader-Willi syndrome using fluorescent *in situ* hybridization. Am. J. Med. Genet. *66*: 403-412, 1996.

42. Vgontzas AN, Bixler EO, Kales A, Rogan PK, Mascari M, Centurione A, Vela-Bueno A: Daytime sleepiness and REM abnormalities in PWS: Evidence of generalized hypoarousal. Int J Neurosci .*87*: 127-139, 1996.

43. Saitoh S, Buiting K, Cassidy SB, Conroy JM, Driscoll DJ, Gabriel JM, Gillessen-Kaesbach G. Glenn CC, Greenswag LR, Horsthemke B. Kondo I, Kuwajima K, Niikawa N. Rogan PK, Schwartz S, Seip J, Williams CA, Wiznitzer M, Nicholls RD: Clinical spectrum and molecular diagnosis of imprinting mutation patients: A new class of Prader-Willi and Angelman syndromes. Am J Med Genet. *68*: 195-206, 1997.

44. Butler MB, Rogan PK, Hedges LK, Cassidy SB, Moeschler JB: Kleinfelter and Trisomy X syndromes in patients with Prader-Willi syndrome and uniparental maternal disomy of chromosome 15 - A Coincidence? Am J Med Genet. *72*: 111-114, 1997.

45. Gocke C, Benko F, Rogan PK: Transmission of mitochondrial DNA heteroplasmy in normal pedigrees. Hum Genet. *102:* 182-186, 1998.

46. Rogan PK, Faux B, Schneider TD: Information analysis of human splice site mutations Hum Mutat. *12(3):* 153-171, 1998.

47. Allikmets R, Wasserman WW, Hutchinson A, Smallwood P, Nathans J, Rogan PK, Schneider D, Dean M: Organization of the ABCR gene: analysis of promoter and splice junction sequences Gene, *215*: 111-122, 1998.

48. Tooley PW, Salvo JJ, Schneider TD, Rogan PK: Phylogenetic inference using information theory-based PCR amplification. J Phytopathology, *146(8-9)*: 427-430, 1998.

49. Kannabiran C, Rogan PK, Basti S, Rao GN, Kaiser-Kupfer M, Hejtmancik JF: Autosomal dominant zonular cataract with sutural opacities is associated with a splice mutation in the βA3/A1-crystallin gene. Mol Vision, *4*: 21, 1998 <http://www.molvis.org/molvis/v4/p21>.

50. O'Neill JP, Rogan PK, Cariello N, Nicklas JA: Mutations in the human HPRT gene which alter RNA splicing: A review of the spectrum. Mutat Res. 411(3):179-214, 1998.

51. Rogan PK, Seip JW, White L, Wenger SW, Menon R, Knoll JHM: Relaxation of imprinting in Prader-Willi syndrome. Hum Genet, 103(6): 694-701, 1998.

52. Ohta T, Gray TA, Rogan PK, Gabriel JM, Buiting K, Saitoh S, Methi M, Driscoll DJ, Horsthemke B, Butler MG, Nicholls RD: Imprinting mutation mechanisms in Prader-Willi syndrome. Am J Hum Genet *64*: 397-413, 1999.

53. Rogan PK, Sabol DW, Punnett H: Maternal uniparental disomy of chromosome 21 in a normal child. Am J Med Genet *83*: 69-71, 1999.

54. Martin RA, Sabol DW, Rogan PK: Maternal uniparental disomy of chromosome 14 confined to an interstitial segment (14q23-14q24.2). J Med Genet *36*: 633-636, 1999.

55. Kodolitsch Yv, Pyeritz RE, Rogan PK: Splice site mutations in atherosclerosis candidate genes: Relating individual information to phenotype. Circulation *100*: 693-699, 1999.

56. Amos-Landgraff JM, Ji Y, Gottlieb W, Depinet T, Wandstraat AE, Cassidy SB, Driscoll DJ, Rogan PK, Schwartz S, and Nicholls RD: Chromosome breakage in the Prader-Willi and Angelman Syndromes involves recombination between large, transcribed repeats at both breakpoints. Am J Hum Genet, *65*: 370-386, 1999.

57. Vockley J, Rogan PK, Anderson BD, Willard J, Seelan RS, Smith DI, and Liu W: An Unusually High Frequency of Abnormal Splicing of *IVD* RNA in Isovaleric Acidemia, Including Exon Skipping Caused by Missense Mutations in the *IVD* Gene. Am J Hum Genet, *66*:356-367, 2000.

58. Svojanovsky S, Schneider T, Rogan PK: Redundant designations of BRCA1 intron 11 splicing mutation. Hum. Mutation, 16: 264, 2000.

59. von Kodolitsch Y, Nienaber CA, Fliegner M, Rogan PK: Splice site mutations in atherosclerosis: mechanisms and predictive models. Z. Kardiol 90: 87-95, 2001.

60. Rogan PK, Cazcarro PM, Knoll JHM: Sequence-based design of single copy genomic DNA probes for fluorescence in situ hybridization, Genome Research, 11: 1086-1094, 2001.

61. Consevage M, Kasarda S, Sabol D, Rogan PK: Genetic mapping of familial hypertrophic-restrictive cardiomyopathy, Hum Genet., in press.

62. Thompson TE, Rogan PK, Risinger JI, Taylor JA: Splice Variants, But Not Mutations, of DNA Polymerase β Are Common in Bladder Cancers, Cancer Research, 62: 3251-3256, 2002.

63. Svojanovsky S, Leeder JS, Rogan PK: Information analysis of CYP2D6, CYP2C19, and CYP3A5 splicing mutations, Pharmacogenetics, in press.

64. von Kodolitsch Y, Berger J, Rogan PK: Predicting Severity of Hemophilia A and B Splicing Mutations by Information Analysis, Thrombosis and Hemostasis, submitted.

BOOK CHAPTERS, LETTERS AND CONFERENCE REPORTS

1. Nicholls RD, Gottlieb W. Mascari MJ, Rinchik EM, Pai GS, Driscoll DJ, Butler MG, Zori RT, Neumann PE, Waters MF, Zackowski JL, Horsthemke B. Rogan PK, Ladda RL, Williams CA: Molecular Analysis in Angelman Syndrome, Prader-Willi Syndrome and Potential Mouse Models. In: NATO Advanced Research Workshop on Prader-Willi Syndrome and Other Chromosome 15q Deletion Disorders. S.B. Cassidy (ed). Springer-Verlag, Berlin, 1992.

2. Rogan PK, Salvo JJ: High fidelity amplification of ribosomal gene sequences from mummified South American human remains. In: Ancient DNA, B. Herrmann (ed). Springer-Verlag, New York, pp. 182-194, 1993.

3. Rogan PK, Salvo JJ: High fidelity polymerase chain reaction amplification products from mummified South American human remains. In: Proceedings of the First World Congress on Mummy Studies, C Rodriguez-Martin (ed). Museo Archeologia y Etnografica: Tenerife, 1995.

4. Robinson WP, Horsthemke B, Leonard S, Malcolm S, Morton C, Nicholls RD, Ritchie R, Rogan P, Schultz R, Schwartz S, Sharp J, Trent R, Wevrick R, Williamson M, Knoll JHM: Report of the third international chromosome 15 mapping workshop, Vancouver Canada 1996. Cytogenet Cell Genet. 1997;76(1-2):1-13.

5. Rogan PK: Masked mosaicism, J. NIH Research, 9: 17-18, 1997

ABSTRACTS

1. Salvo JJ, Allison MJ, Rogan PK: Molecular genetics of pre-Columbian South American mummies. Am J Phys Anthr 78(2):295, 1989.

2. Rogan PK, Salvo JJ: Molecular genetics of pre-Columbian South American mummies. J Cell Biochem 13C:123, 1989.

3. Salvo JJ, Rogan PK: Identification and amplification of DNA sequences in pre-Columbian South American mummies. Sixth Conversation in Biomolecular Stereodynamics, Albany, NY, 1989.

4. Rogan PK, Salvo JJ, Tooley PW: Use of universal PCR primers to amplify 28S ribosomal DNA from taxonomically diverse organisms. Fourth International Congress of Systematic and Evolutionary Biology, College Park, Maryland, 1990.

5. Rogan PK, Klar A, Strathern JN, Lemkin P: Identification of cell type specific chromosomal loci by in vivo methylation. Symposium of the International Electrophoresis Society, 1991.

6. Mascari M, Rogan P. Ladda R. Butler M, Gottlieb W. Nicholls R: Molecular diagnosis of Prader-Willi Syndrome. 8th International Congress of Human Genetics, 1991.

7. Rogan P. Mascari M, Ladda R. Gottlieb W. Nicholls R: The origin of maternal disomy in Prader-Willi Syndrome. 8th International Congress of Human Genetics, 1991.

8. Mowrey PN, Chorney M, Lerman M, Zbar B. Latif F. Rogan PK, Ramer J. Ladda R. Further molecular analysis of the deletion of 3p25 syndrome. 8th International Congress of Human Genetics, 1991.

9. Venditti CP, Rogan PK, Chorney MJ: Alumorph PCR analysis of MHC Class I clones. Eighth International H-2/HLA Workshop, 1992.

10. Rogan P. Salvo JJ: High-fidelity polymerase chain reaction amplification products from mummified South American Human remains. First International Congress on Mummy Studies, 1992.

11. Nicholls RD, Gottlieb W. Avidano K, Jong M, Driscoll DJ, Mascari MJ, Rogan PK, Horsthemke B. Russell LB, Rinchik EM: Mammalian genomic imprinting: Prader-Willi and Angelman syndromes and mouse models. NIH Conference on Genomic Imprinting. Bethesda, MD, April 12-13, 1992.

12. Rogan PK, Mascari MJ, Ladda RL, Nicholls RD: Genetic mapping with Prader-Willi patients carrying recombinant disomic chromosomes. First International Workshop on Human Chromosome 15, Tucson, AZ, June 18-19, 1992.

13. Nicholls RD, Driscoll DJ, Rogan PK, Spritz RA, Gottlieb W. Jong M, Avidano KM, Waters MF, Glenn CC, Williams CA, Zori RT, Horsthemke B, Robinson W, Schinzel A, Saitoh S, Niikawa N, Russell LB, Bultman SJ, Rinchik EM: Mapping of loci in human chromosome 15qll-ql3 and a region of conserved synteny in mouse chromosome 7, including a candidate imprinted gene (D15S9) and the pink-eyed dilution (p/D15S12) gene. First International Workshop on Human Chromosome 15, Tucson, AZ, June 18-19, 1992.

14. Nicholls RD, Gottlieb W. Avidano KM, Jong MTC, Horsthemke B. Russell LB, Bultman SJ, Spritz RA, Rogan PK, Rinchik EM: Mouse models for genomic imprinting and phenotypic features in Prader-Willi and Angelman syndromes. Prader-Willi Syndrome Association (USA) 14th Annual Conference, Philadelphia, PA, July 15, 1992.

15. Rogan PK, Mascari MJ, Nicholls RD, Ladda RL: Development of a molecular genetic database for patients with Prader-Willi syndrome. 14th Annual Conference of the Prader-Willi Syndrome Association, July 15, 1992.

16. Mascari MJ, Rogan PK, Gannutz LS, McCurdy MP, Croft CD, Lichty TR, Ladda RL: Pseudomosaicism Trisomy 15 in amniocytes: Concern about the possibility of uniparental disomy in the fetus. 14th Annual Conference of the Prader-Willi Syndrome Association, July 15, 1992.

17. Rogan PK, Mascari MJ, Ladda RL: Genetic mapping with Prader-Willi patients carrying recombinant disomic chromosomes. Clinical Research, Eastern Meeting, New York, NY, October 9-10, 1992.

18. Rogan PK, Mascari MJ, Ladda RL, Nicholls RD: Genetic mapping with Prader-Willi patients carrying recombinant disomic chromosomes. American Society of Human Genetics, San Francisco, CA, November 9-15, 1992.

19. Salvo JS, Aufderheide AC, Rogan PK: Kinship studies in ancient human populations. American Society of Human Genetics, San Francisco, CA, November 9-15, 1992.

20. Floros J. Kotikalapudi P. Rogan P: Localization of genetic variability in human surfactant protein B gene and its association with respiratory distress syndrome. American Society of Human Genetics, San Francisco, CA, November 9-15, 1992.

21. Rogan PK, Salvo JS, Aufderheide AC: Kinship studies in ancient human populations. 3rd International Congress on Human Paleontology, Jerusalem, Israel, August 1993.

22. Butler MG, Driscoll DJ, Papenhausen PR, Johnson VP, Rogan PK: Analysis of 15q25Dqter markers in patients with ring 15 and Russell-Silver syndromes. American Society of Human Genetics, 1993.

23. Gottlieb W. Rogan PK, Ledbetter DH, Driscoll DJ, Nicholls RD: Analysis of chromosome-breakage mechanisms in Prader-Willi and Angelman syndromes. American Society of Human Genetics, 1993.

24. Rogan PK, Lichty TR, Ladda RL, Mascari MJ, Steele MW, Wenger SL, Malcolm S. Driscoll DJ, Nicholls RD: Uniparental disomy in Angelman Syndrome: A consequence of paternal meiotic non-disjunction. American Society of Human Genetics, 1993.

25. Floros J. Rishi A, Veletza SV, Rogan PK: Concerted and independent genetic events in the 3'untranslated region of the human surfactant protein A genes. American Society of Human Genetics, 1993.

26. Woodage T. Prasad M, Dixon JW, Selby RE, Romain DR, Columbano-Green LM, Graham D, Rogan P. Smith A, Trent RJ: Bloom syndrome and maternal uniparental disomy for chromosome 15. American Society of Human Genetics, 1993.

27. Guida L, Rogan PK, Chakravarti A, Ledbetter DH, Schwartz S. Nicholls RD: Isolation of $(CA)_n$ repeats and characterization of the pericentromeric region of chromosome 15q. American Society of Human Genetics, 1993.

28. Mascari MJ, Ladda RL, Woodage T. Trent RJ, Lai LW, Erickson RP, Cassidy SB, Petersen MB, Mikkelsen M, Driscoll DJ, Nicholls RD, Rogan PK: Perturbed recombination of chromosome 15 in Prader-Willi patients with maternal disomy. American Society of Human Genetics, 1993.

29. Phillips RL, Rogan PK, Culiat B. Stubbs L, Rinchik EM, Gottlieb W. Nicholls RD: A YAC contig spanning 4 genes in distal human chromosome 15qll-ql3, mapping of the human GABRa3 gene and effect of homozygous deletion of three GABAA receptor genes in mouse. American Society of Human Genetics, 1993.

30. Lentz SE, Rogan PK, Martin CR: Mitochondrial DNA studies of the origins of the Aboriginal people of the Canary Islands. Second International Ancient DNA Conference, Washington, DC, 1993.

31. Rogan PK, Lentz SE: Molecular genetic evidence suggesting treponematosis in pre-Columbian, Chilean mummies. American Association of Physical Anthropologists, 1994.

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33. Woodage T. Prasad M, Dixon JW, Selby RE, Romain DR, Columbano-Green LM, Graham D, Seip JR, Rogan PK, Smith A, Trent RJ: Localization of the Bloom syndrome gene by homozygosity mapping in a patient with maternal uniparental disomy of chromosome 15. Chromosome 15 International Workshop, Oxford, U.K.

34. Rogan PK, Mascari MJ, Ladda RL, Woodage T. Trent RJ, Smith A, Lai LW, Erickson RP, Cassidy SB, Petersen MB, Mikkelsen M, Driscoll DJ, Nicholls RD: Perturbed recombination of chromosome 15 in Prader-Willi patients with maternal disomy. Chromosome 15 International Workshop, Oxford, U.K.

35. Butler MG, Woodward AL, Driscoll DJ, Papenhausen PR, Johnson VP, Raskin S. Rogan PK: Molecular genetic analysis of 15q26.1-qter markers in patients with ring 15 and Russell-Silver syndromes. Chromosome 15 International Workshop, Oxford, U.K.

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